

WAC 197-11-960 Environmental checklist.

ENVIRONMENTAL CHECKLIST

Purpose of checklist:

The State Environmental Policy Act (SEPA), chapter 43.21C RCW, requires all governmental agencies to consider the environmental impacts of a proposal before making decisions. An environmental impact statement (EIS) must be prepared for all proposals with probable significant adverse impacts on the quality of the environment. The purpose of this checklist is to provide information to help you and the agency identify impacts from your proposal (and to reduce or avoid impacts from the proposal, if it can be done) and to help the agency decide whether an EIS is required.

Instructions for applicants:

This environmental checklist asks you to describe some basic information about your proposal. Governmental agencies use this checklist to determine whether the environmental impacts of your proposal are significant, requiring preparation of an EIS. Answer the questions briefly, with the most precise information known, or give the best description you can.

You must answer each question accurately and carefully, to the best of your knowledge. In most cases, you should be able to answer the questions from your own observations or project plans without the need to hire experts. If you really do not know the answer, or if a question does not apply to your proposal, write "do not know" or "does not apply." Complete answers to the questions now may avoid unnecessary delays later.

Some questions ask about governmental regulations, such as zoning, shoreline, and landmark designations. Answer these questions if you can. If you have problems, the governmental agencies can assist you.

The checklist questions apply to all parts of your proposal, even if you plan to do them over a period of time or on different parcels of land. Attach any additional information that will help describe your proposal or its environmental effects. The agency to which you submit this checklist may ask you to explain your answers or provide additional information reasonably related to determining if there may be significant adverse impact.

Use of checklist for nonproject proposals:

Complete this checklist for nonproject proposals, even though questions may be answered "does not apply." IN ADDITION, complete the SUPPLEMENTAL SHEET FOR NONPROJECT ACTIONS (part D).

For nonproject actions, the references in the checklist to the words "project," "applicant," and "property or site" should be read as "proposal," "proposer," and "affected geographic area," respectively.

A. BACKGROUND

1. Name of proposed project, if applicable: *Three Finger Jack 2*

2. Name of applicant: *Longview Timber lands, LLC*

3. Address and phone number of applicant and contact person: *1616 N. 181st St. Suite 108
MT. Vernon, WA, 98273
360-355-6251 → Jeremy Sapp*

4. Date checklist prepared: *12/08/2008*

5. Agency requesting checklist: *WA State Dept. of Nat. Resources*

6. Proposed timing or schedule (including phasing, if applicable):

May - Sept. 2009 or 2010

7. Do you have any plans for future additions, expansion, or further activity related to or connected with this proposal? If yes, explain.

The permanent road "A" will be used to access harvest unit to the west.

8. List any environmental information you know about that has been prepared, or will be prepared, directly related to this proposal.

A geotechnical evaluation has been completed for this proposal by Shannon and Wilson INC.

9. Do you know whether applications are pending for governmental approvals of other proposals directly affecting the property covered by your proposal? If yes, explain.

NO.

10. List any government approvals or permits that will be needed for your proposal, if known.

I will need ^{approval} the Forest Practice Application turned in for this unit.

11. Give brief, complete description of your proposal, including the proposed uses and the size of the project and site. There are several questions later in this checklist that ask you to describe certain aspects of your proposal. You do not need to repeat those answers on this page. (Lead agencies may modify this form to include additional specific information on project description.)

I propose to build/re-construct 550' of road for permanent use and 900' of road reconstruction for temp. use. The temp. road ^{will} cross ~~the~~ through a hollow and below this hollow the activity becomes an inner gorge. It also crosses a steep slope w/ convergent topography. Both crossings are addressed in the geotechnical evaluation. The temporary road will be rehabilitated by the end of 2010 and will be done during dry time of the year. The purpose of the roads will be for access to the timber south and southeast of it. The timber harvest unit is approximately 50 acres (Buffered areas included).

12. Location of the proposal. Give sufficient information for a person to understand the precise location of your proposed project, including a street address, if any, and section, township, and range, if known. If a proposal would occur over a range of area, provide the range or boundaries of the site(s). Provide a legal description, site plan, vicinity map, and topographic map, if reasonably available. While you should submit any plans required by the agency, you are not required to duplicate maps or detailed plans submitted with any permit applications related to this checklist.

Maps are provided in geotechnical report. Legal: NW, NE, SE 1/4 of section 5 Township 35N Range 49E

TO BE COMPLETED BY APPLICANT

EVALUATION FOR
AGENCY USE ONLY

B. ENVIRONMENTAL ELEMENTS

1. Earth

a. General description of the site (circle one): Flat, rolling, hilly, steep slopes, mountainous, other

b. What is the steepest slope on the site (approximate percent slope)?

95%

- c. What general types of soils are found on the site (for example, clay, sand, gravel, peat, muck)? If you know the classification of agricultural soils, specify them and note any prime farmland.

→ Please see pages 2 and 3 of geotechnical evaluation.

- There are six soil units, most of harvest unit in kindy gravelly silt loam.

- d. Are there surface indications or history of unstable soils in the immediate vicinity? If so, describe.

please see page 2 and page 4 and Landslide Hazard Zonation map along with aerial photos in geotechnical evaluation (Fig. 3 to Fig. 7)

- e. Describe the purpose, type, and approximate quantities of any filling or grading proposed. Indicate source of fill.

Proposed culvert installations will be completed ~~as~~ with a keyed in rock fill and dipped where necessary. Crossing X₁ will be dipped. Crossing X₄ will be a keyed-in rock fill. Side casts will be avoided on X₄ and X₅.

- f. Could erosion occur as a result of clearing, construction, or use? If so, generally describe.

Erosion is possible on X₄ and X₅. Building/re-constructing road during dry season will minimize weather caused erosion. A pre-work meeting with road builder will minimize man caused erosion, i.e. tell contractor to and haul loose material and be careful not to push debris over edge.

- g. About what percent of the site will be covered with impervious surfaces after project construction (for example, asphalt or buildings)?

0%

- h. Proposed measures to reduce or control erosion, or other impacts to the earth, if any:

- Seasonal construction/Activity

- Supervision of work

- Armored rock

- in a weather event be prepared w/ straw bales, etc.

- a. Air

- a. What types of emissions to the air would result from the proposal (i.e., dust, automobile, odors, industrial wood smoke) during construction and when the project is completed? If any, generally describe and give approximate quantities if known.

Excavators, CATs, and skidders/tractors will be used during road construction activities.

- b. Are there any off-site sources of emissions or odor that may affect your proposal? If so, generally describe.

NO.

- c. Proposed measures to reduce or control emissions or other impacts to air, if any:

NONE.

3. Water

a. Surface:

- 1) Is there any surface water body on or in the immediate vicinity of the site (including year-round and seasonal streams, saltwater, lakes, ponds, wetlands)? If yes, describe type and provide names. If appropriate, state what stream or river it flows into.

There are some N_3 and N_p streams in harvest unit. These streams flow into Jackman Creek.

- 2) Will the project require any work over, in, or adjacent to (within 200 feet) the described waters? If yes, please describe and attach available plans.

Culverts will be put into place on streams that go into Jackman Creek. All activities do not come w/in 200' of Jackman Creek.

- 3) Estimate the amount of fill and dredge material that would be placed in or removed from surface water or wetlands and indicate the area of the site that would be affected. Indicate the source of fill material.

Approxim 200 yards of material will be end hauled away from stream crossings. Both the FPA and geotechnical evaluation detail this.

- 4) Will the proposal require surface water withdrawals or diversions? Give general description, purpose, and approximate quantities if known.

No major surface water withdrawals or diversions.

As detailed in the FPA we will move an N_3 channel 5-10' for a length of 15'-25'.

- 5) Does the proposal lie within a 100-year floodplain? If so, note location on the site plan.

No.

- 6) Does the proposal involve any discharges of waste materials to surface waters? If so, describe the type of waste and anticipated volume of discharge.

No.

b. Ground:

- 1) Will ground water be withdrawn, or will water be discharged to ground water? Give general description, purpose, and approximate quantities if known.

No.

- 2) Describe waste material that will be discharged into the ground from septic tanks or other sources, if any (for example: Domestic sewage; industrial, containing the following chemicals. . . ; agricultural; etc.). Describe the general size of the system, the number of such systems, the number of houses to be served (if applicable), or the number of animals or humans the system(s) are expected to serve.

N/A

c. Water runoff (including stormwater):

- 1) Describe the source of runoff (including storm water) and method of collection and disposal, if any (include quantities, if known). Where will this water flow? Will this water flow into other waters? If so, describe.

N/A

- 2) Could waste materials enter ground or surface waters? If so, generally describe.

ANY fuel/oil spills will be cleaned-up according to our SFI policy.

d. Proposed measures to reduce or control surface, ground, and runoff water impacts, if any:

Silt dams (settling ponds); straw bales.

4. Plants

- a. Check or circle types of vegetation found on the site:

- ☒ deciduous tree: alder, maple, aspen, other
☒ evergreen tree: fir, cedar, pine, other
☒ shrubs
☒ grass
☐ pasture
☐ crop or grain
☒ wet soil plants: cattail, buttercup, bullrush, skunk cabbage, other - only w/in buffered areas
☐ water plants: water lily, eelgrass, milfoil, other
☒ other types of vegetation

- b. What kind and amount of vegetation will be removed or altered?

Conifer and deciduous trees will be removed. Some shrubs will be removed during harvest activities.

- c. List threatened or endangered species known to be on or near the site.

NONE

- d. Proposed landscaping, use of native plants, or other measures to preserve or enhance vegetation on the site, if any:

Both a Temporary and Permanent road will be built. These roads will provide access for tree planters.

5. Animals

- a. Circle any birds and animals which have been observed on or near the site or are known to be on or near the site:

birds: hawk, heron, eagle, songbirds, other: Raven; signs of ladder back woodpecker (consimilis species) present
 mammals: deer, bear, elk, beaver, other: → Tracks only
 fish: bass, salmon, trout, herring, shellfish, other:

- b. List any threatened or endangered species known to be on or near the site.

NONE

- c. Is the site part of a migration route? If so, explain.

NO

- d. Proposed measures to preserve or enhance wildlife, if any:

Deer and Elk prefer foraging in clearcuts

6. Energy and natural resources

- a. What kinds of energy (electric, natural gas, oil, wood stove, solar) will be used to meet the completed project's energy needs? Describe whether it will be used for heating, manufacturing, etc.
- b. Would your project affect the potential use of solar energy by adjacent properties? If so, generally describe.
- c. What kinds of energy conservation features are included in the plans of this proposal? List other proposed measures to reduce or control energy impacts, if any:

7. Environmental health

- a. Are there any environmental health hazards, including exposure to toxic chemicals, risk of fire and explosion, spill, or hazardous waste, that could occur as a result of this proposal? If so, describe.

Machines could spill fuel/oil and/or catch fire. Longview timber lands enforces spill plan and fire plan policy by regularly checking contractors for spill kits and functional fire equipment (during appropriate times).

- 1) Describe special emergency services that might be required.

see letter a.

- 2) Proposed measures to reduce or control environmental health hazards, if any:

see letter a.

b. Noise

- 1) What types of noise exist in the area which may affect your project (for example: traffic, equipment, operation, other)?

N/A

- 2) What types and levels of noise would be created by or associated with the project on a short-term or a long-term basis (for example: traffic, construction, operation, other)? Indicate what hours noise would come from the site.

Logging Equipment noise from sun-rise to sunset (or about 1/2 hour after/before)

3) Proposed measures to reduce or control noise impacts, if any:

Personnel wear hearing protection.

8. Land and shoreline use

a. What is the current use of the site and adjacent properties?

Timberland

b. Has the site been used for agriculture? If so, describe.

Yes, growing trees

c. Describe any structures on the site.

None

d. Will any structures be demolished? If so, what?

NO.

e. What is the current zoning classification of the site?

Industrial Timberland

f. What is the current comprehensive plan designation of the site?

N/A

g. If applicable, what is the current shoreline master program designation of the site?

none

h. Has any part of the site been classified as an "environmentally sensitive" area? If so, specify.

The inner gorge/hollow crossings by road construction/re-construction activities

i. Approximately how many people would reside or work in the completed project?

Logging crew (5-9 people) + Road building crew (2-5 people)

j. Approximately how many people would the completed project displace?

NONE

k. Proposed measures to avoid or reduce displacement impacts, if any:

N/A

1. Proposed measures to ensure the proposal is compatible with existing and projected land uses and plans, if any: *The land will stay in "Industrial Timberland" status*

9. Housing

- a. Approximately how many units would be provided, if any? Indicate whether high, middle, or low-income housing.

N/A

- b. Approximately how many units, if any, would be eliminated? Indicate whether high, middle, or low-income housing.

N/A

- c. Proposed measures to reduce or control housing impacts, if any:

*N/A***10. Aesthetics**

- a. What is the tallest height of any proposed structure(s), not including antennas; what is the principal exterior building material(s) proposed?

N/A

- b. What views in the immediate vicinity would be altered or obstructed?

N/A

- c. Proposed measures to reduce or control aesthetic impacts, if any:

*N/A***11. Light and glare**

- a. What type of light or glare will the proposal produce? What time of day would it mainly occur?

N/A

- b. Could light or glare from the finished project be a safety hazard or interfere with views?

N/A

- c. What existing off-site sources of light or glare may affect your proposal?

N/A

- d. Proposed measures to reduce or control light and glare impacts, if any:

N/A

12. Recreation

- a. What designated and informal recreational opportunities are in the immediate vicinity?

Hiking, ~~and~~ bicycle riding, horse back riding

- b. Would the proposed project displace any existing recreational uses? If so, describe.

NO.

- c. Proposed measures to reduce or control impacts on recreation, including recreation opportunities to be provided by the project or applicant, if any:

Re-constructing road will neither control nor ~~enhance~~ enhance above mentioned activities.

13. Historic and cultural preservation

- a. Are there any places or objects listed on, or proposed for, national, state, or local preservation registers known to be on or next to the site? If so, generally describe.

NO

- b. Generally describe any landmarks or evidence of historic, archaeological, scientific, or cultural importance known to be on or next to the site.

NONE

- c. Proposed measures to reduce or control impacts, if any:

NONE

14. Transportation

- a. Identify public streets and highways serving the site, and describe proposed access to the existing street system. Show on site plans, if any.

Activities are on a private road system. Hwy 20 is approx. 5-7 miles down road.

- b. Is site currently served by public transit? If not, what is the approximate distance to the nearest transit stop?

NO

- c. How many parking spaces would the completed project have? How many would the project eliminate?

NONE

- d. Will the proposal require any new roads or streets, or improvements to existing roads or streets, not including driveways? If so, generally describe (indicate whether public or private).

1450' of newly constructed road (arguably improving existing road for 550').

- e. Will the project use (or occur in the immediate vicinity of) water, rail, or air transportation? If so, generally describe.

NO

- f. How many vehicular trips per day would be generated by the completed project? If known, indicate when peak volumes would occur.

Peak volumes of 3-5 Logging Trucks per day for 2 months plus logging crumbles (one round trip per day).

- g. Proposed measures to reduce or control transportation impacts, if any:

900' of temporary road will be re-habilitated by end of 2010.

15. Public services

- a. Would the project result in an increased need for public services (for example: fire protection, police protection, health care, schools, other)? If so, generally describe.

If we burn slash piles they will need to be monitored
↗ (after harvest is complete and during "burning" season)

- b. Proposed measures to reduce or control direct impacts on public services, if any.

NONE

16. Utilities

- a. Circle utilities currently available at the site: electricity, natural gas, water, refuse service, telephone, sanitary sewer, septic system, other.

NONE

- b. Describe the utilities that are proposed for the project, the utility providing the service, and the general construction activities on the site or in the immediate vicinity which might be needed.

N/A

C. SIGNATURE

The above answers are true and complete to the best of my knowledge. I understand that the lead agency is relying on them to make its decision.

Signature: _____

Date Submitted: _____

[Signature] *[Signature]*
12/08/2008 6/08/2009